Title (en)

ANTIBODY-BASED ARRAYS FOR DETECTING MULTIPLE SIGNAL TRANSDUCERS IN RARE CIRCULATING CELLS

Title (de)

ANTIKÖRPERBASIERTE ARRAYS ZUR ERKENNUNG MEHRERER WANDLER IN SELTENEN ZIRKULIERENDEN ZELLEN

Title (fr)

PUCES A ANTICORPS PERMETTANT DE DETECTER DES TRANSDUCTEURS DE SIGNAL MULTIPLES DANS DES CELLULES CIRCULANTES RARES

Publication

EP 2551672 B1 20160427 (EN)

Application

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Abstract (en)

[origin: US2008076139A1] Methods and kits for detecting the activation states of a plurality of signal transducers of circulating cells of a solid tumor in a specific, multiplex, high-throughput assay are described. The methods comprise: contacting the signal transducers extracted from the cells with first, second, and third binding partners specific for each of the signal transducers to produce signal transducer-binding partner complexes. The second binding partners bind the corresponding signal transducers independent of their activation state and are labeled with a first moiety, and the third binding partners bind the corresponding signal transducers dependent of their activation state and are labeled with a second moiety. The first and second moieties are detected as an indication of the activation states of the plurality of signal transducers.

IPC 8 full level

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